

SUBJECT : Digital Photography http://en.wikipedia.org/wiki/Forced_perspective
Grade Level: HS

Concept: To understand perception, the student needs to develop and organize ideas from the environment both natural and human-made by interpreting visual parallels and expressing ideas relating to themes. In this assignment the student is to photograph a scene that shows an “Optical Illusion” (Visual Perception)

Objective: 1. Discuss perception and illusions showing design optical illusions and Artists optical illusions. 2. Identify and analyze optical illusions in photography. 3. Take photographs showing man-made and natural illusions.

TEKS:117.53 (c) Texas Knowledge and skills.

(1) Perception. The student develops and organizes ideas from the environment.

(A) interpret visual parallels between the structures of natural and human-man environments

(B) compare suitability of art materials and processes to express specific ideas relating to visual themes, using precise art vocabulary.

(2) Creative expression/performance. The student expresses ideas through original artworks, using a variety of media with appropriate skill.

(B) apply design skills in creating practical applications, clarifying presentations, and defining choices made by consumers; and

(C) select from a variety of art media and tools to communicate specific ideas in photography /filmmaking

1. Introductory Activity Students will begin by investigating [optical](#) and [photographic Illusion](#):

Google Images below show examples

http://www.google.com/images?client=safari&rls=en&q=photographic+illusions&oe=UTF-8&um=1&ie=UTF-8&source=univ&ei=x7VTNWhk4K88gaVolmSBA&sa=X&oi=image_result_group&ct=title&resnum=1&ved=0CCoQsAQwAA&biw=1138&bih=1084



photographic illusion.
440 × 586 - 57k - jpg
innocentenglish.com



Photo Collection: Strange
400 × 258 - 38k - jpg
[worldphotocollections...](http://worldphotocollections.com)



Shot Photography Illusions
500 × 600 - 37k - jpg
visualfunhouse.com



Photo Illusions
400 × 266 - 26k - jpg
damncoolpics.blogspot.com

and artists that have worked with optical illusions. M.C. Escher, Salvador Dali, Giuseppe Arcimboldo, Victor Vasarely, Patrick Hughes and Dick Termes.

[http://en.wikipedia.org/wiki/M. C. Escher](http://en.wikipedia.org/wiki/M._C._Escher)

[http://en.wikipedia.org/wiki/Salvador Dal%C3%AD](http://en.wikipedia.org/wiki/Salvador_Dal%C3%AD)

[http://en.wikipedia.org/wiki/Giuseppe Arcimboldo](http://en.wikipedia.org/wiki/Giuseppe_Arcimboldo)

[http://en.wikipedia.org/wiki/Victor Vasarely](http://en.wikipedia.org/wiki/Victor_Vasarely)

[http://en.wikipedia.org/wiki/Patrick Hughes \(artist\)](http://en.wikipedia.org/wiki/Patrick_Hughes_(artist)) [http://en.wikipedia.org/wiki/Dick Termes](http://en.wikipedia.org/wiki/Dick_Termes)

The student selects an artist that they find interesting and they will post their choice in an online discussion forum. The posting should indicate the unique features of the artist and explain how the artist used optical illusion to make the work interesting.

3. Class Discussion Activity In a class discussion, students will discuss the importance of using basic compositional elements in creating an original and memorable photo. All participants will comment on design qualities of photographs displayed in the forum activity and how an “artist” can make the ordinary, from the, out of the ordinary!
Members with similar views will grouped off for a collaborative “shoot” creating an original photo illusion.

4. Group or Individual Project - Collaborative “Shoot” Students (group by interest) will work together to create an original photo (showing a man-made or natural illusion) that will be uploaded and posted for comments. The group photo shoot should include contributions by each member. The average group will have 3 members so jobs such as lighting, staging, props, talent, framing etc should be equally divided. Groups will be required to submit a Record Form detailing _ shot list, special effect descriptions, equipment and time records, along with any release information or other legal documentation. Each group will come up with original titles for their work and label according. *Work must be on level 3 (Rubric Rating) to be included in the www.photoshop.com Student Gallery postings.*



Easy Shot

smileosmile.com

Resources:

1. Digital Camera
2. Computer for editing
3. Network
4. Adobe Photoshop
5. Adobe Acrobat
6. www.photoshop.com

Evaluation_Rubric Digital Photography Illusion

4 Excellent Post to Gallery, 3 Very Good Post to Gallery, 2 Re-Take Highest grade 85 with Gallery Post, 1 Re Take 75 no Gallery Post

CATEGORY	4	3	2	1
Photo _ Clarity	Photo is in focus and the subject easily viewed and identified	Most of the Photo is in focus and the subject is easily viewed and identified	Some of the Photo is in focus and the subject can be viewed and identified	Photo is not clear and subject can not be detected
Photo _ Originality	The Photo reflects an exceptional degree of student creativity in creation and display.	The Photo reflects an above average degree of student creativity in creation and display.	The Photo reflects an average degree of student creativity in creation and display.	The Photo does not reflect creativity in creation and display.
Use of Design Elements	The Photo includes all required elements as well as additional photo special effects	The Photo includes all required elements	The Photo includes only a few of the required elements	Several required elements were missing in the Photo
Content - Accuracy	The Photo shows an illusion in an original, creative and well organized manner	The Photo shows an illusion in a creative and organized manner	The Photo shows an illusion in an organized manner	The Photo does not show an illusion
Record Form	An accurately completed Record Form is submitted	A completed Record Form is submitted	An in-completed Record Form is submitted	No Record Form is submitted
Over-all Appearance	The Photo is exceptionally attractive in terms of design, subject, and originality.	The Photo is very good in terms of design, subject, and originality.	The Photo is below expectations in terms of design, subject, and originality.	The Photo does not meet expectations in terms of design, subject, and originality.